



United States Fatent and Trademark Office

APR 0 8 2002 8

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231

www.uspto.gov

APPLICATION NUMBER

FILIS/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/046,670

TRADEMA 01/16/2002

Michael Raley

. 111325-44

22204 NIXON PEABODY, LLP 8180 GREENSBORO DRIVE

8180 GREENSBORO D SUITE 800 MCLEAN, VA 22102

FEB 13 2002



Date Mailed: 02/08/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
 Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$990.
 - \$990 for 55 total claims over 20.
- The oath or declaration is missing.
 - A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(I) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1860.

04/09/2002 SDENBOB1 00000083 10046670

01 FC:101 740.00 QP 02 FC:103 990.00 QP 03 FC:105 130.00 QP

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

Nixon Peabody, LLP

PART 1 - ATTORNEY/APPLICANT COPY

PTO/SB/17 (11-00) Approved for use through 10/31/2002. OMB 0651-0032



Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT \$1,900.00

Complete if Known						
Application Number	10/046,670					
Filing Date	January 16, 2002					
First Named Inventor	Michael Raley et al.					
Examiner Name	Not yet assigned					
Group Art Unit	2131					
Attorney Docket No.	111325-44					

Deposit Account 19-2380	METHOD OF PAYMENT			FEE CALCULATION (continued)						
Page 2014 Page	1. E The Commissioner is hereby authorized to charge indicated		3. ADDITIONAL FEES							
Per Fee										
19-2380 19-2380 19-2380 19-2380 10-2	Denocit		Fee		•		1			
Depoit Account NixOn Peabody LLP	Account	19-2380					(\$)	Fee Description		Fee Paid
Nixon Peabody LLP 130	Number			105	130	205	65	Surcharge - late filing fee or oa	th	130.00
Nixon Peabody LLP 139 130 139 130 139 130 130 139 130 130 139 130 130 139 130 13	Denosit			1				• •		130.00
Second Color Col	Account Nixon Peabody LLP		1						<u> </u>	
Clarge Any Additional Fee Required 112 112 113 1340 131 1340			1							
Date of 37 CFR Li and Li Li Li Li Li Li Li Li	Charge Any Additional Fee Required								<u> </u>	
Applicant Laims small entity status. See 3 Fee R 1.77 115 110 215 55 Extension for reply within first month 116 140 216 200 Extension for reply within second month 117 920 217 460 Extension for reply within second month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 118 1.440 218 720 Extension for reply within forth month 128 1			1							
2.	Applicant claims small entity status		1	•						
2. EXTRA CLAIM FEES Substitute Substit	— ·		.,	115	110	215				
Check Credit Card Money Order 118 1,440 218 720 Extension for reply within filtid month	2. X Payme	ent Enclosed:		116	400	216	200	Extension for reply within seco	nd month	
The color The		F	d Money D Other	117	920	217	460	Extension for reply within third	month	
1. BASIC FILING FEE	CHECK	Cicun care		118	1,440	218	720	Extension for reply within four	th month	
Large Entity Fee		FEE CAI	LCULATION	128	1,960	228	980	Extension for reply within fifth	month	
Fee	1. BASIC FIL	ING FEE		119	320	219		••		
Total Claims Tota		•	E. Danishton	120	320	220	160	Filing a brief in support of an a	ppeal	
101					280	221	140	Request for oral hearing		
106 330 206 165 Design filing fee			Utility filing fee 740.00	138	1,510	138	1,510	Petition to institute a public use	proceeding	
107 510 207 255		101 740 201 370 011119 111119 100			110	240	55	Petition to revive - unavoidable	;	
108				141	1,280	241	640	Petition to revive - unintention	al	
114				142	1,280	242	640	Utility issue fee (or reissue)		
144 620 244 310 Plant issue fee				143	460	243	230	Design issue fee		
2. EXTRA CLAIM FEES Fee from Extra Claims below Fee Paid Total Claims 75 - 20** = 55			144	620	244	310	Plant issue fee			
2. EXTRA CLAIM FEES	SUBTOTAL (1) \$740.00		122	130	122	130	Petitions to the Commissioner			
Total Claims 75 - 20** = \$55 \ X \$ \$18.00 = \$990.00 \$ Independent 3 - 3** = \$0 \ X \$84.00 = \$0.0			123	50	123	50	Processing fee under 37 CR 1.1	7(q)		
Total Claims 75 - 20** = 55 X 18.00 = 990.00 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 740 246 370 Filling a submission after final rejection (37 CFR § 1.129(a)) 149 740 249 370 For each additional invention to be examined (37 CFR § 1.29(b)) 149 740 279 370 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application 179 740 279 370 Request for expedited examination of a design application 169 900 169 900 Request for expedited examination of a design application 179 740 279 370 Request for expedited examination of a design application 169 900 169 900 Request for expedited examination of a design application 169 900 169 900 Request for expedited examination of a design application 179 740 279 370 Request for expedited examination of a design application 169 900 169 900 Request for expedited examination of a design application 169 900 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design application 169 900 Request for expedited examination of a design 169 900 Request for expedited examination of a design 169 900	Fee from		126	180	126	180	Submission of Information Dis	closure Stmt		
Independent 3 -3** = 0 X 84.00 = 0.0 Claims Multiple Dependent 1	Total Claims			581	40	581	40		ent per property (times	40.00
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Pee Fee Pee Fee Description 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reissue claims in excess of 20 and over original patent ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) ** SI70.00 ** ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) ** SI70.00 ** ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) ** SI70.00 ** ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) ** SI70.00 ** ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) ** SI70.00 ** ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) ** SI70.00 ** ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) ** SI70.00 ** ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) ** ** Reduced by Basic Filing Fee Paid ** SUBTOTAL (3) ** ** Reduced by Basic Filing Fee Paid ** ** Reduced by Basic Filing Fee Paid ** ** Reduced by Basic Filing Fee Paid ** ** Reduced by Basic Filing Fee		3 -3**=	0 X 84.00 = 0.0	146	740	246	370	Filing a submission after final	rejection (37 CFR	
** Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **or number previously paid, if greater; For Reissues, see above Code Fee	Multiple Depende	ent		149	740	249	370		be examined (37 CFR	
Fee	Large Entity	Small Entity		179						
application Other fee (specify) Other fee (specify) Other fee (specify) Name (Print/Type) Other fee (specify) Other fee (specify) Other fee (specify) **Reduced by Basic Filing Fee Paid **SUBTOTAL*(3) **Subtot	Fee Fee	Fee Fee		160	000	160				
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claims, if not paid 109 84 209 42 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$990.00 ***or number previously paid, if greater: For Reissues, see above SUBMITTED BY Name (Print/Type) Daniel S. Song Registration No. (Attorney/Agent) Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SuBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (4) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (4) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (4) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (4) \$170.00 **Reduced by Basic Filing Fee Paid SubTOTAL (4) \$170.00 **Reduced by Basic Filing Fee Paid SubTO	.a Code	(\$) Code	(2)	109	900	109	900		non or a design	
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claims, if not paid 109 84 209 42 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent 110 SUBTOTAL (2) \$990.00 ***or number previously paid, if greater; For Reissues, see above SUBMITTED BY Name (Print/Type) Daniel S. Song Registration No. (Attorney/Agent) Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$170.00	103 18	203 9	Claims in excess of 20	Othe	r fee (spe	ecify) _			_	
109 84 209 42 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$\frac{5}{990.00}\$ ** or number previously paid, if greater: For Reissues, see above SUBMITTED BY Name (\(\textit{Print/Type}\) Daniel S. Song Registration No. (\(Attorney/Agent)\) (\(Attorney/Agent)\) Reducted by Basic Timing Tetrato CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on SUBMITTED BY Complete (if applicable) Telephone 703-770-9300	102 84	202 42	Independent claims in excess of 3	1						
original patent ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$990.00 ***or number previously paid, if greater: For Reissues, see above SUBMITTED BY Name (Print/Type) Daniel S. Song Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) (Attorney/Agent) CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Name: Complete (if applicable) Telephone	104 280	204 140	Multiple dependent claim, if not paid	* Re	duced by	Basic F	iling F	ee Paid SUBTOTA	AL (3) \$170.00	.
**or number previously paid, if greater: For Reissues, see above SUBMITTED BY Name (Print/Type) Daniel S. Song Registration No. (Attorney/Agent) Attorney/Agent) I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on Suffi	109 84	209 42	original patent							
SUBTOTAL (2) \$990.00 **or number previously paid, if greater: For Reissues, see above Name:	110 18	210 9		suffic	ient postas	hereby co	ertify that	this correspondence is being deposit	ed with the United States Posta	1 Service with on, DC 20231, on
SUBMITTED BY Name (Print/Type) Daniel S. Song Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Telephone 703-770-9300	SUBTOTAL (2) \$990.00			_						
Name (Print/Type) Daniel S. Song Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Telephone 703-770-9300	**or number previously paid, if greater; For Reissues, see above			Name	Name:					
Name (Print/Type) (Attorney/Agent)										
Signature Date April 8, 2002		Da	niel S. Song				43	,143 Telepho	ne	•
				\sum				Date	April 8, 2002	